

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
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ATTY DOCKET NO.

03500.005745.36

APPLICATION NO.

09/384,326

APPLICANT

SEISHIRO YOSHIOKA ET AL.

FILING DATE

MAY 12, 2000

GROUP

2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MA	5,185,554	2/93	Nomura et al.	313	495	
MA	4,954,744	9/90	Suzuki et al.	313	336	
MA	5,285,129	2/94	Takeda et al.	13	309	
MA	5,256,936	10/93	Itoh et al.	313	309	
MA	5,559,342	9/96	Tsukamoto et al.	257	10	
MA	5,141,460	8/92	Jaskie et al.	313	309	
MA	3,611,077	10/71	Smith	315	94	
MA	3,631,291	12/71	Favreau	313	346	
MA	3,983,443	9/76	Schade	313	346DC	
MA	4,093,562	6/78	Kishimoto	313	103CM	
MA	4,672,268	6/87	Duenisch et al.	313	346R	
MA	4,663,559	5/87	Christensen	313	346R	
MA	4,721,524	1/88	Sheldon et al.	75	0.5A	9/19/86
MA	2,887,413	5/59	Ekkers et al.	313	341	
MA	4,680,500	7/87	Buck	313	346R	3/6/86
MA	3,766,423	10/73	Menelly	313	341	
MA	3,581,151	5/71	Boyle et al.	257	10	
MA	3,806,372	4/74	Sommer	257	10	
MA	3,814,968	6/74	Nathanson et al.	257	10	
MA	4,303,930	12/81	Van Gorkom et al.	257	10	
MA	4,683,399	7/87	Soclof	257	10	6/81
MA	3,936,329	2/76	Kendall et al.	437	228CR	

EXAMINER

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DATE CONSIDERED

7/9/02

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.005745.36		APPLICATION NO. 09/384,326	
APPLICANT SEISHIRO YOSHIOKA ET AL.				FILING DATE MAY 12, 2000		GROUP 2879	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MA	4,599,076	7/86	Yokono et al.	313	355		
MA	3,990,914	11/76	Weinstein et al.	437	3		
MA	5,327,050	7/94	Tsukamoto et al.	313	363		
MA	5,627,111	5/97	Tsukamoto et al.	438	20		
MA	5,559,342	9/96	Tsukamoto et al.	257	10	4/6/95	
MA	5,063,327	11/91	Brodie et al.	313	495		
MA	6,169,356	1/01	Ohnishi et al.	313	495		
MA	3,663,857	5/72	Soellner	313	339		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
MA	0299461A2	1/89	EPO	H01J	1/30	ENGLISH	
MA	64-31332A	2/89	JAPAN	H01J	029/48	ABSTRACT	
MA	1-283749	11/89	JAPAN	H01J	031/15	ABSTRACT	
MA	1-309242	12/89	JAPAN	H01J	37/06	ABSTRACT	
MA	0536731A1	4/93	EPO	H01J	1/30	ENGLISH	
MA	0523702A1	1/93	EPO	H01J	31/12	ENGLISH	
MA	59-169034	9/84	JAPAN	H01J	1/14	ABSTRACT	
MA	2060991A	5/81	UK	313	346R	ENGLISH	
MA	61-156265	7/86	JAPAN	G03G	15/00	ABSTRACT	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
MA	"Thin Film Handbook", Committee 131 of Japanese Society for the Promotion of Art and Science (1983) (English-Language translation pages 1-18) (no month)						
MA	"Scanning Tunnelling Microscopic Investigations of Electroformed Planar Metal-insulator-metal Diodes", H. Pagnia, N. Sotnik and W. Wirth, Int. J. Electronics, Vol. 69 No. 1, 25-32 (1990)						
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MA		"Energy Distribution of Emitted Electrons from Electroformed MIM Structures: The Carbon Island Model," M. Bischoff, H. Pagnia and J. Trickl, Int. J. Electronics, Vol. 73, No. 5, pp. 1009-1010 (1992) (no month)
MA	1	"On the Electron Emission from Evaporated Thin Au Films," M. Bischoff, R. Holzer and H. Pagnia, Physics Letters, Vol. 62A, No. 7 (October 3, 1977), pp. 512-514
MA	1	"The Electroforming Process in MIM Diodes," Vol. 85, R. Blessing, H. Pagnia and N. Sotnik, Thin Solid Films, pp. 119-128 (1981) (no month)
MA	1	"Evidence for the Contribution of an Adsorbate to the Voltage-Controlled Negative Resistance of Gold Island Film Diodes," R. Blessing, H. Pagnia and R. Schmitt, Thin Solid Films, Vol. 78, pp. 397-401 (1981) (no month)
MA	1	"Water-Influenced Switching in Discontinuous Au Film Diodes," R. Muller and H. Pagnia, Materials Letters, Vol. 2, No. 4A, pp. 283-285 (March 1984)
MA	1	"Influence of Organic Molecules on the Current-Voltage, Characteristic of Planar MIM Diodes," H. Pagnia, N. Sotnik and H. Strauss, Phy. Stat, Sol., Vol. 90, pp. 771-778 (1985) (no month)
MA	1	"Influence of Gas Composition on Regeneration in Metal/Insulator/Metal Diodes," M. Borbonus, H. Pagnia and N. Sotnik, Thin Solid Films, Vol. 151, pp. 333-342 (1987) (no month)
MA	1	"Prospects for Metal/non-Metal Microsystems: Sensors, Sources, and Switches," H. Pagnia, Int. J. Electronics, Vol. 73, No. 5, pp. 818-825 (1992) (no month)
MA	1	"Carbon-nanoslit Model for The Electroforming Process in MIM Structures," M Bischoff, Int. J. Electronics, Vol. 70, No. 3, pp. 491-498 (1991) (no month)
MA	1	"W.P. Dyke, et al., "Field Emission," Advances in Electronics and Electron Physics, 1956, pp. 90-185 (no month)
MA	1	C.A. Spindt et al., "Physical Properties of Thin-film field emission cathodes with molybdenum cones," J. Appl. Phys., Vol. 47 (1976) pp. 5248-5263 (December)
MA	1	C.A. Mead, "Operation of Tunnel-Emission Devices," J. Appl. Phys., Vol. 32 (1961) pp. 646-652. (April)
MA	1	K. Nakamura, et al., "Interaction of Al layers with polycrystalline Si", Journal of Applied Physics, vol. 46, no. 11, November 1975, pp. 4678-4684
MA	1	Hayt "Engineering Electromagnetics" 1981 McGraw Hill, Inc. page 509 (no month)
MA	1	Elsevier Segovia S.A., "Thin Film Solids", An International Journal on Their Science and Technology, Vol. 9 (1972) pp. 317-328. Electrical Conduction & Electron Emissions of Discontinuous Thin Films (no month)
MA	1	T. Izumiya et al., "Kokai Butsuri, Vol. 8, No. 4, 39-9 (1973) (Japanese)
MA	1	"Electroluminescence spectra of Discontinuous Conducting Thin Films" (1988), M. Bischoff et al., Thin Solid Films, No. 165, pp. 49-54 (no month)
MA	1	"Electroluminescence Spectra From Gold Island Structure Thin Films" (1975), M Bischoff et al., Thin Solid Films, pp. 303-312 (no month)
MA	1	Bistable Switching in Electroformed Metal-Insulator-Metal Devices (1988), H. Pagnia et al., Phys. Stat, Sol. (a), No. 108, pp. 11-65 (no month)
MA	1	"Metal Influence on Switching MIM Diodes", H. Pagnia et al., Phys. Stat. Sol. (a) 111,387 (1989) (no month)
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